38th Annual Meeting, APS Division of Plasma Physics 11-15 November 1996, Denver, CO Abstract Submittal Form

Subject Classification Category _

Deadline: Wednesday, 10 July 1996

☐ Theory

□ Experiment

Refer to the DPP Subject Cat	U(CRL-JC-124657 Abs
Berger, R. MacGowan Rosen, P. Livermore CEA-Limei power, the hohlraum is achieve a hi reduced. hohlraum w higher leve reduced abs temperature simultaneou These measu This work w	radiation temperature atta inversely proportional to the gher temperature the dimensional his typically results in high all as well as inside the hohlra is of parametric instabilities orbed laser power. In this measurements made on var all stypically monitoring the incident increments are compared to Lase as performed under the ausping Lawrence Livermore Nation	chowski, B. Afeyan, R. L. Fr., H. N. Kornblum, B. J. Hoody, L. V. Powers, M. D. H. R. J. Wallace, Lawrence fore, CA and M. A. Blain, FRANCE; For a fixed laser fined inside a laser-driven fine hohlraum size. Thus, to cons of the hohlraum must be gher laser intensity on the fum. This in turn can lead to (SRS and SBS) and hence paper we discuss radiation ious size hohlraums while and reflected laser power. The simulations ces of the U. S. Department
of Energy by	Lawrence Livermore Nation	al Laboratory under contract
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